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MINISTRY OF ARMAMENT AND
OF MUNITIONS OF WAR

ARTILLERY

AUGUST 25, 1917

SUPPLEMENT I TO FORM 983

RANGE TABLES FOR FRENCH 75-/MM GUN

MODEL 1897

SUMMARY RANGE TABLES AND CHARTS
FOR THE CALCULATION OF THE TOTAL
VARIATION IN RANGE CORRESPONDING
TO GIVEN FIRING CONDITIONS

ORDNANCE DEPARTMENT U.S.A.

WASHINGTON
GOVERNMENT PRINTING OFFICE
1918

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Charts for the Calculation of the Total Variation in Range Corresponding to Given Firing Conditions.

FOREWORD.

The following charts are the embodiment in graphic form of Table VII of "Range Tables for French 75-mm. Gun, Model 1897," of August 25, 1917, giving variation in range due to variation:

$d\varpi$ in weight of liter of air.
Wx in longitudinal component of wind.
dV in muzzle velocity.
dp in weight of projectile.

Each network $d\varpi$ (or Wx, dV, dp) of the chart has been constructed by plotting the range X as ordinate against the variation in range as abscissa - - - - - - (Dotted line.). The curves of the network correspond to 10 mmg. variation in $d\varpi$, 1-meter variation in Wx, 2-meter variation in dV, and 50-gram variation in dp for shrapnel or 1 weight zone for explosive shell.

USE OF 1 NETWORK SINGLY.

(Example: Chart VI–a for 75 mm. shrapnel.)

From the way in which the charts have been constructed the variation in range at a range X (such as 6,500 m.) for a variation $d\varpi$ (such as +80 mmg.) in the weight of a liter of air are gotten by following the curve corresponding to the variation $d\varpi$ (+80) and marking the point on this curve that corresponds to the range (6,500 m.). The point thus found lies between two dotted ordinates, −150 m. and −175 m., and corresponds approximately to the ordinate 165 m. This length represents the definite variation in range due to a variation $d\varpi$ (80 mmg.) in the weight of a liter of air. A precisely similar operation would be made to determine the variation in range due to each of the disturbing causes (dV, Wx, dp) taken separately.

USE OF THE NETWORKS IN GROUPS OF TWO.

To find the variation DX in range corresponding to simultaneous variation $d\varpi$ in the weight of a liter of air and Wx in the longitudinal component of the wind, join the points on the $d\varpi$ and Wx networks corresponding to the given firing conditions by a straight line. At the point where this line cuts the scale ①, the sum of the two separate variations may be read both in magnitude and sign (for instance, -165 m. + (-85 m.) = -250 m.).

By a similar operation on the pair of networks for dV and dp (as for the case when $X = 6{,}500$ m., $dV = -7$ m., $p = 7.5$ kg.) the magnitude and sign of the variation D_2X due to firing conditions dV and dp may be read at the intersection of the line through the points corresponding to the latter with the scale ② (for instance, $D_2X = -65 + 25 = -40$ m.).

USE OF THE COMPLETE SET OF CHARTS TO DETERMINE THE TOTAL VARIATION IN RANGE.

To determine the total range variation $DX = D_1X + D_2X$, it is sufficient to complete the figure by joining with a straight line the two points on the scales ① and ② obtained by the directions given above. The intersection of this line with the central scale ③ gives in magnitude and sign the total range variation DX (for instance, -40 m. + (-250 m.) = -290 m.).

Approved:
Paris, August 25, 1917.
For the Minister and by His Order.
General in Charge of Artillery,
RONNEAUX.

M. V. 535 m/s.

Table Va.—FOR 75 MILLIMETER SHRAPNEL.

(Shrapnel, model 1897, and shrapnel with base charge.)

Range in meters.	Angle of elevation.			Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.			Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.			Range setting.	Number of divisions on deflection drum to correct for drift.
	Degrees and minutes.		Mils.				Degrees and minutes.		Mils.				Degrees and minutes.		Mils.		
m.	°	′		m.		m.	°	′		m.		m.	°	′		m.	
....	....	....	....	....	....	3,100	4	56	88	3,075	3	6,100	14	29	258	Quadrant aiming.	12
....	....	....	....	....	....	200	5	11	92	3,175	3	200		53	265		12
300		12	4	300	0	300		26	97	3,300	3	300	15	18	272		13
400		18	5	400	0	400		41	101	3,400	3	400		43	279		13
500		25	7	500	0	500		57	106	3,500	4	500	16	8	287		14
600		32	9	600	0	3,600	6	13	111	3,600	4	6,600	16	34	295		14
700		39	12	675	0	700		29	115	3,700	4	700	17	1	303		15
800		47	14	775	0	800		45	120	3,800	4	800		28	311		16
900		54	16	875	0	900	7	2	125	3,900	4	900		56	319		16
1,000	1	2	18	950	0	4,000		19	130	4,025	5	7,000	18	24	327		17
1,100	1	10	21	1,050	0	4,100	7	36	135	4,125	5	7,100	18	53	336		18
200		18	23	1,150	1	200		53	140	4,225	5	200	19	23	345		18
300		26	25	1,225	1	300	8	11	145	4,325	5	300		53	354		19
400		35	28	1,325	1	400		29	151	4,425	6	400	20	24	363		20
500		44	31	1,425	1	500		48	156	4,525	6	500		56	372		21
1,600	1	54	34	1,525	1	4,600	9	7	162	4,625	6	7,600	21	28	382		22
700	2	4	37	1,625	1	700		26	168	4,725	6	700	22	2	392		23
800		14	40	1,725	1	800		45	173	4,825	7	800		37	402		24
900		24	43	1,825	1	900	10	5	179	4,925	7	900	23	13	413		26
2,000		35	46	1,925	1	5,000		26	185	5,025	7	8,000		50	424		27
2,100	2	46	49	2,025	1	5,100	10	47	192	5,125	8	8,100	24	28	435		29
200		57	52	2,125	1	200	11	8	198	5,225	8	200	25	8	447		31
300	3	9	56	2,225	2	300		29	204	5,325	8	300		49	459		33
400		22	60	2,350	2	400		50	210	5,425	9	400	26	31	471		35
500		35	64	2,450	2	500	12	12	217	Quadrant aiming.	9	500	27	14	484		37
2,600	3	48	68	2,550	2	5,600	12	34	223		9	....	....	....	....	....	....
700	4	1	71	2,650	2	700		57	230		10	....	....	....	....	....	....
800		14	75	2,750	3	800	13	20	237		10	....	....	....	....	....	....
900		28	79	2,875	3	900		43	244		11	....	....	....	....	....	....
3,000		42	84	2,975	3	6,000	14	6	251		11	....	....	....	....	....	....

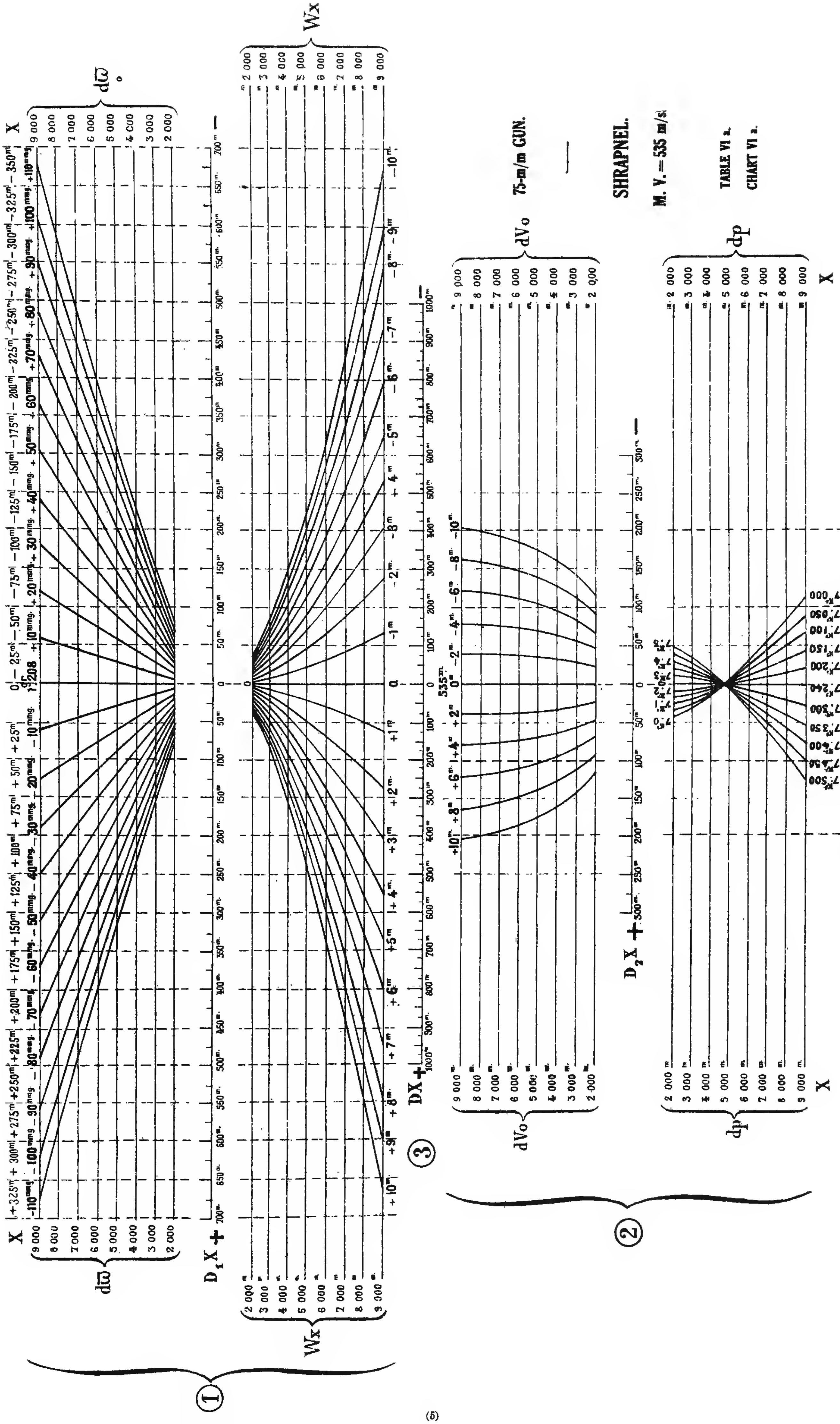
75-m/m GUN.

SHRAPNEL.

M. V. = 535 m/s

TABLE VI a.

CHART VI a.

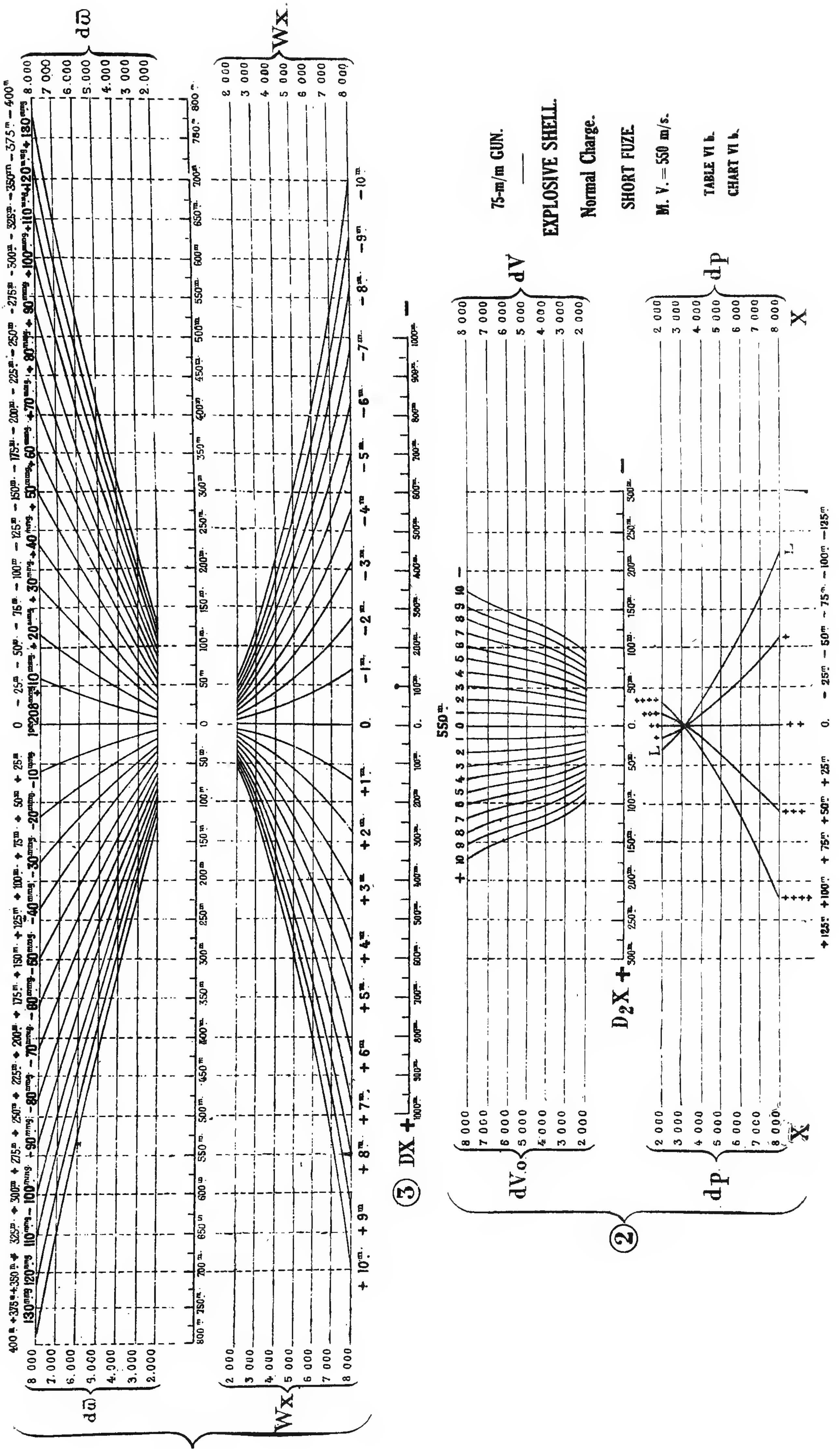


Normal Charge.

Table Vb.—FOR 75 MM. EXPLOSIVE SHELL WITH SHORT FUZE.

M. V. 550 m/s.

Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° ′		m.		m.	° ′		m.		m.	°		m.	
....	....	....	....	....	3, 100	5 32	98	3, 325	3	6, 100	17 34	312	Quad-rant aiming.	16
....	....	....	....	....	200	49	103	3, 450	3	200	18 8	322		16
300	16	5	350	0	300	6 6	108	3, 550	4	300	43	333		17
400	23	7	450	0	400	23	113	3, 675	4	400	19 19	343		17
500	30	9	550	0	500	41	119	3, 775	4	500	55	354		18
600	37	11	650	0	3, 600	6 59	124	3, 900	4	6, 600	20 32	365		19
700	44	13	725	0	700	7 18	130	4, 000	5	700	21 9	376		20
800	52	15	825	0	800	38	136	4, 125	5	800	47	387		21
900	1 0	18	925	0	900	59	142	4, 250	5	900	22 26	399		22
1, 000	8	20	1, 025	0	4, 000	8 20	148	4, 375	5	7, 000	23 8	411		23
1, 100	1 17	23	1, 125	0	4, 100	8 41	154	4, 500	6	7, 100	23 53	425		24
200	26	25	1, 225	1	200	9 2	161	4, 600	6	200	24 42	439		25
300	35	28	1, 325	1	300	24	167	4, 725	6	300	25 34	455		27
400	45	31	1, 450	1	400	46	174	4, 825	7	400	26 32	472		28
500	55	34	1, 550	1	500	10 8	180	4, 950	7	500	27 34	490		30
1, 600	2 5	37	1, 650	1	4, 600	10 31	187	5, 050	8	7, 600	28 42	510		32
700	16	40	1, 750	1	700	54	194	5, 175	8	700	29 54	532		34
800	27	44	1, 850	1	800	11 18	201	5, 275	8	800	31 9	554		36
900	39	47	1, 975	1	900	43	208	5, 400	9	900	32 29	577		39
2, 000	51	51	2, 075	1	5, 000	12 8	216	5, 500	9	8, 000	33 50	602		41
2, 100	3 4	54	2, 200	1	5, 100	12 34	223	Quad-rant aiming.	10	....	....	....	....	....
200	17	58	2, 300	2	200	13 1	231		10	....	....	....	....	....
300	30	62	2, 400	2	300	29	240		11	....	....	....	....	....
400	44	66	2, 525	2	400	57	248		11	....	....	....	....	....
500	58	70	2, 625	2	500	14 26	257		12	....	....	....	....	....
2, 600	4 13	75	2, 750	2	5, 600	14 56	266		12	....	....	....	....	....
700	28	79	2, 875	2	700	15 27	275		13	....	....	....	....	....
800	43	84	3, 000	3	800	58	284		13	....	....	....	....	....
900	59	89	3, 100	3	900	16 29	293		14	....	....	....	....	....
3, 000	5 15	93	3, 200	3	6, 000	17 1	302		15	....	....	....	....	....



75-m/m GUN.

—

EXPLOSIVE SHELL.

Normal Charge.

SHORT FUZE

M. V. = 550 m/s.

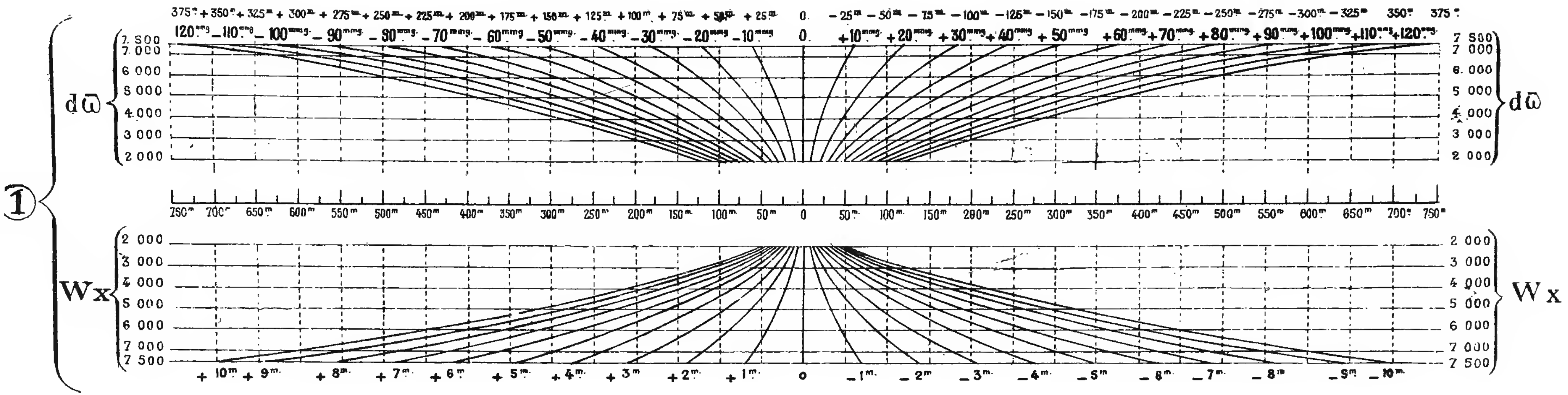
TABLE VI b.
CHART VI b.

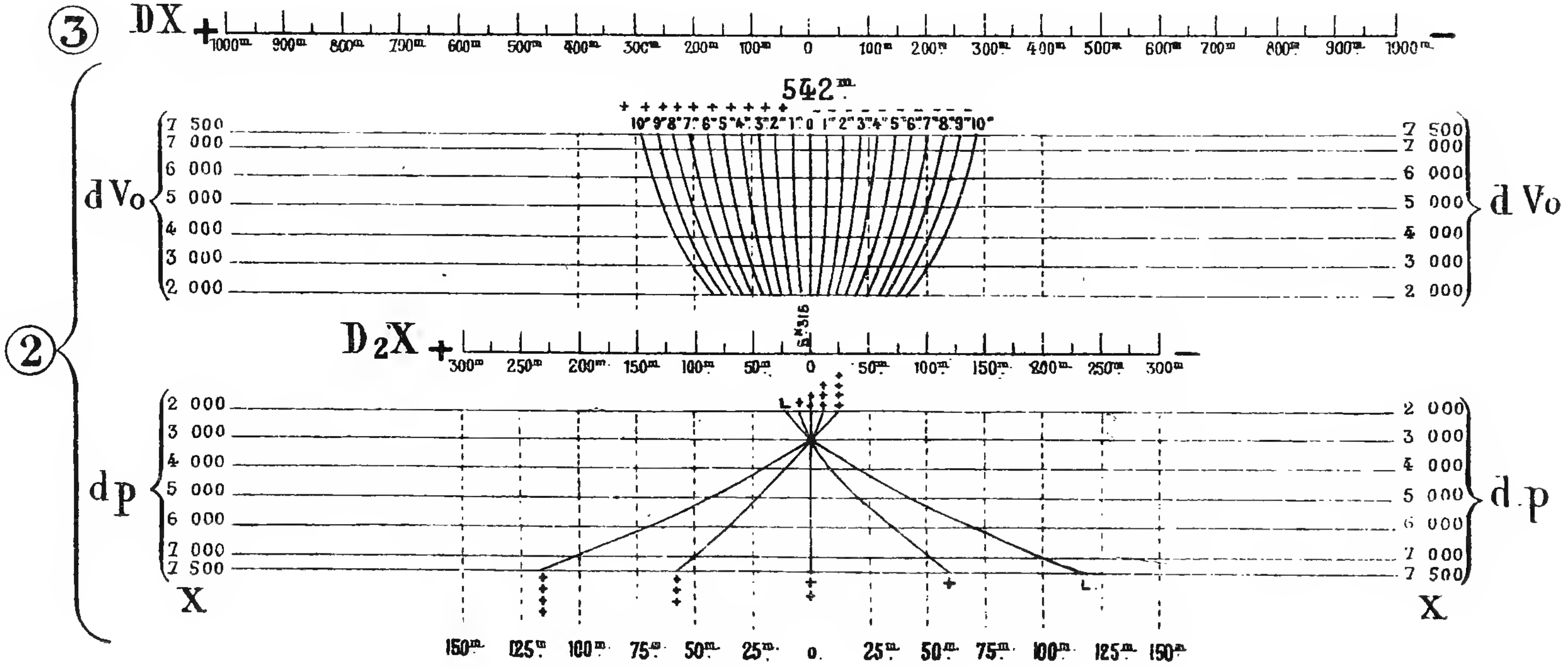
Normal Charge.

Table Vb$_1$.—FOR 75 MM. EXPLOSIVE SHELL WITH LONG FUZE.

M. V.=542 m/s.

Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Number of divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° '		m.		m.	° '		m.		m.	° '		m.	
2,000	2 58	53	2,125	1	4,000	8 39	154	4,475	6	6,000	19 21	344	Quadrant aiming.	16
100	3 11	57	2,250	2	100	9 0	160	4,600	6	100	20 5	357		17
200	24	61	2,350	2	200	23	167	4,725	6	200	52	371		17
300	38	65	2,475	2	300	47	174	4,850	7	300	21 42	386		18
400	52	69	2,600	2	400	10 13	182	4,975	7	400	22 35	402		19
2,500	4 7	73	2,700	2	4,500	10 40	190	5,100	8	6,500	23 33	419		20
600	22	78	2,825	2	600	11 7	198	5,225	8	600	24 34	437		21
700	37	82	2,925	2	700	35	206	5,375	9	700	25 39	456		22
800	53	87	3,050	3	800	12 3	214	5,500	9	800	26 48	476		23
900	5 9	92	3,175	3	900	32	223	Quadrant aiming.	10	900	28 1	498		24
3,000	5 26	97	3,300	3	5,000	13 2	232		10	7,000	29 18	521		25
100	43	102	3,400	3	100	34	241		11	100	30 39	545		27
200	6 0	107	3,525	3	200	14 8	251		11	200	32 4	570		28
300	18	112	3,650	4	300	43	262		12	300	33 33	596		29
400	37	118	3,750	4	400	15 19	273		12	400	35 7	624		30
3,500	6 57	124	3,875	4	5,500	15 57	284		13	7,500	36 43	653		32
600	7 17	130	4,000	5	600	16 36	295		13					
700	37	136	4,125	5	700	17 16	307		14					
800	57	142	4,250	5	800	56	319		14					
900	8 18	148	4,350	5	900	18 38	331		15					





75-m/m GUN.

EXPLOSIVE SHELL.

Normal Charge.

LONG FUZE.

M. V. = 542 m/s.

TABLE VI b₁.

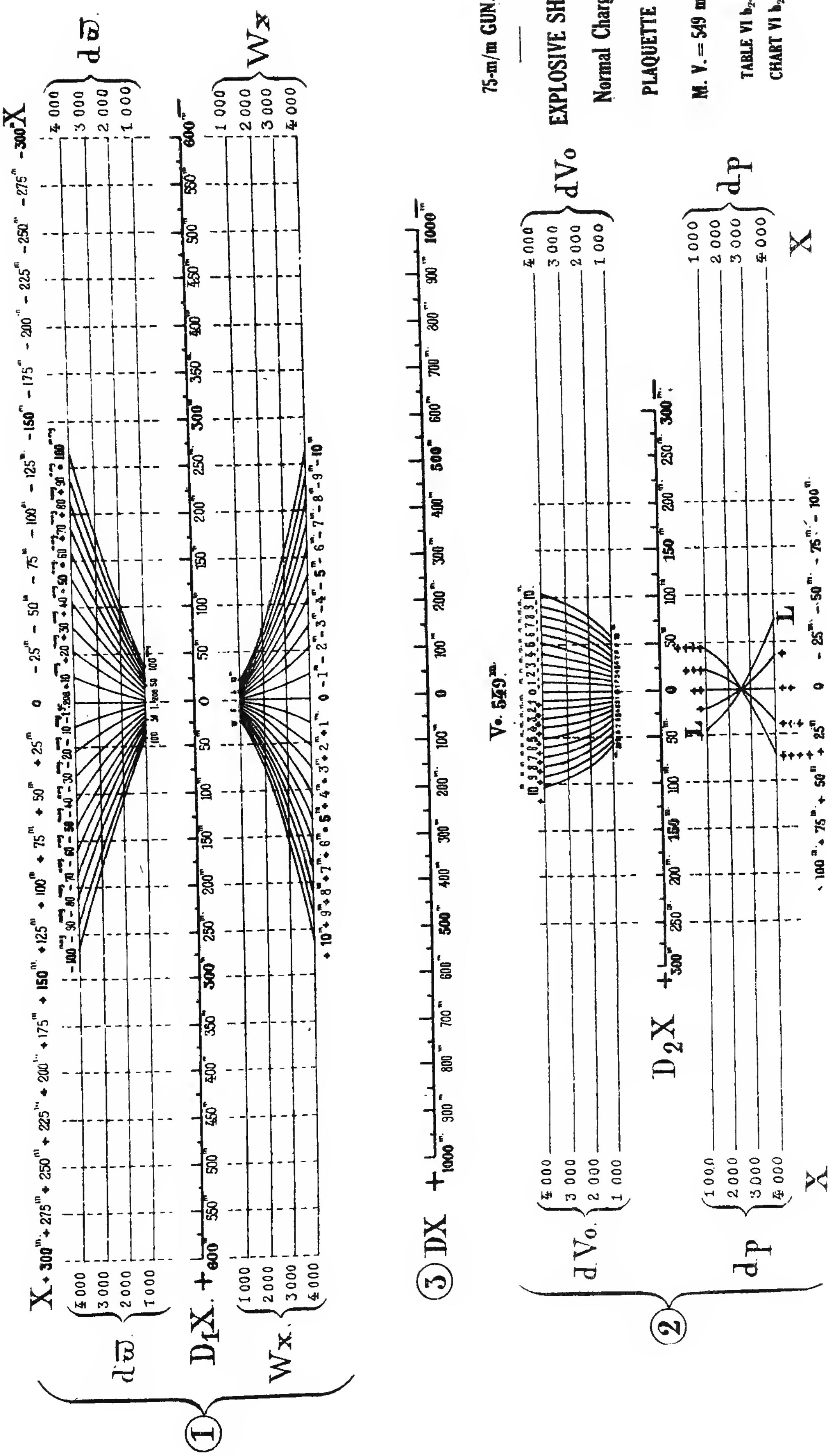
CHART VI b₁.

Normal Charge.

Table Vb$_2$.—FOR 75 MM. EXPLOSIVE SHELL, PLAQUETTE L.

M. V.=549 m/s.

Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° '		m.		m.	° '		m.		m.	°		m.	
....	....	....	....	....	1,600	2 27	44	1,850	2	3,100	6 54	123	3,850	4
....	....	....	....	....	700	41	48	1,975	2	200	7 17	129	4,000	5
300	16	5	350	0	800	55	52	2,100	2	300	40	136	4,150	5
400	24	7	475	0	900	3 10	56	2,250	2	400	8 4	143	4,275	6
500	32	9	600	0	2,000	25	61	2,375	2	500	28	150	4,425	6
600	40	12	700	0	2,100	3 40	65	2,500	2	3,600	8 53	158	4,550	6
700	48	14	800	0	200	56	70	2,625	3	700	9 19	166	4,700	6
800	57	17	900	0	300	4 14	75	2,750	3	800	46	174	4,825	7
900	11 6	20	1,000	1	400	33	81	2,900	3	900	10 13	182	4,975	7
1,000	16	23	1,125	1	500	52	86	3,050	3	4,000	41	190	5,100	8
1,100	1 27	26	1,250	1	2,600	5 11	92	3,175	3	....	....	....	....	....
200	38	29	1,375	1	700	31	98	3,325	4	....	....	....	....	....
300	49	32	1,475	1	800	51	104	3,450	4	....	....	....	....	....
400	2 1	36	1,600	1	900	6 11	110	3,600	4	....	....	....	....	....
500	13	40	1,725	1	3,000	32	116	3,725	4	....	....	....	....	....



75-m/m GUN.

EXPLOSIVE SHELL.

Normal Charge.

PLAQUETTE L.

M. V. = 549 m/s.

TABLE VI b_2.

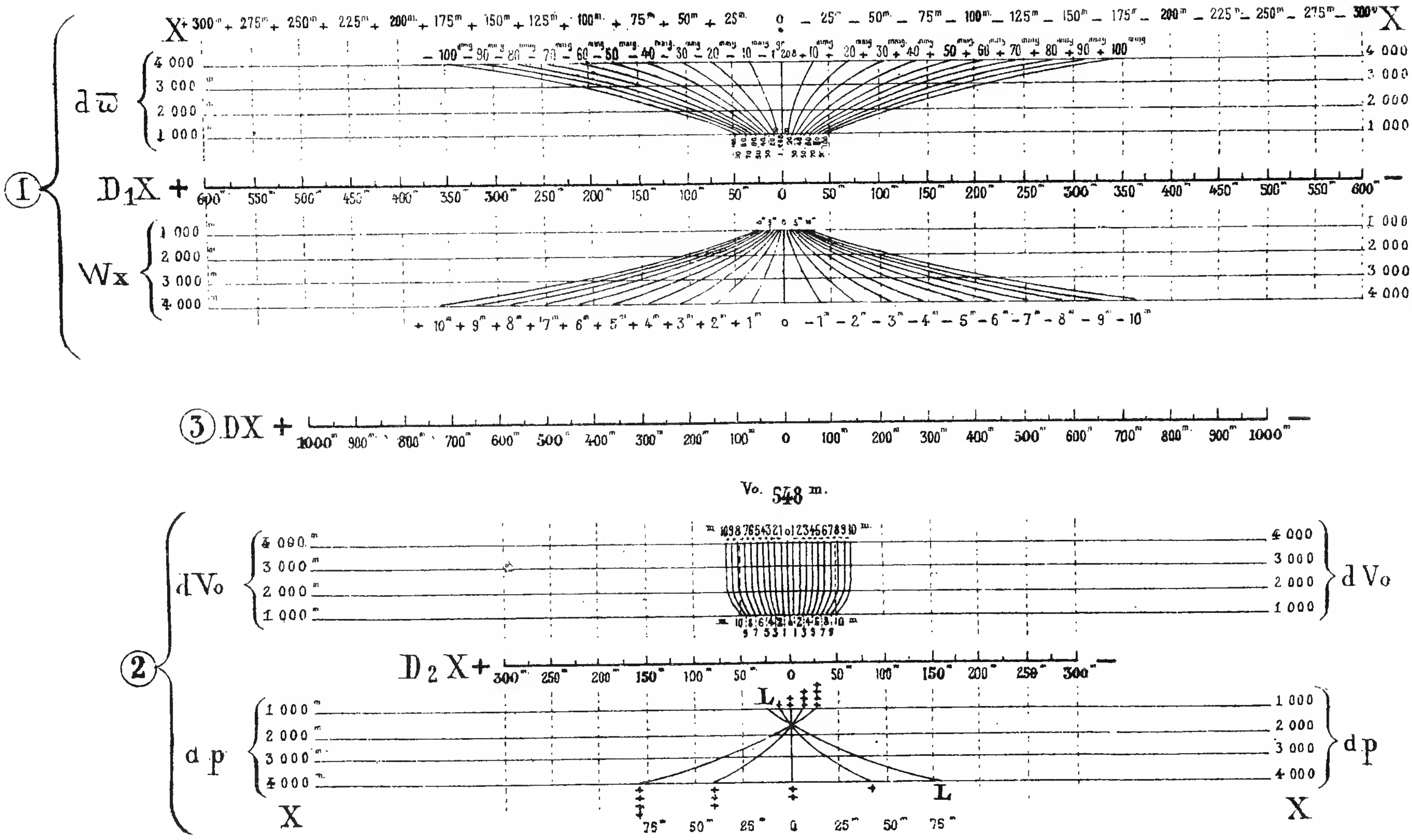
CHART VI b_2.

Normal Charge.

Table Vb$_3$.—FOR 75 MM. EXPLOSIVE SHELL, PLAQUETTE P.

M. V.=548 m/s.

Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° ′		*m.*		*m.*	° ′		*m.*		*m.*	° ′		*m.*	
....	....	....	....	....	1,600	2 53	51	2,100	1	3,100	9 23	167	4,725	5
....	....	....	....	....	700	3 10	56	2,250	1	200	58	177	4,900	5
300	17	5	375	0	800	30	62	2,400	2	300	10 35	188	5,075	5
400	25	7	475	0	900	50	68	2,575	2	400	11 14	200	5,275	5
500	33	10	600	0	2,000	4 11	74	2,750	2	500	55	212	5,450	6
600	41	12	700	0	2,100	4 34	81	2,925	2	3,600	12 36	224	Quadrant aiming.	6
700	50	15	800	0	200	59	88	3,100	3	700	13 18	236		6
800	1 0	18	925	0	300	5 24	96	3,275	3	800	14 0	249		6
900	11	21	1,050	1	400	50	104	3,450	3	900	43	262		7
1,000	24	25	1,200	1	500	6 18	112	3,625	3	4,000	15 26	274		7
1,100	1 38	29	1,375	1	2,600	6 46	121	3,800	3	....	....	....	....	....
200	52	33	1,500	1	700	7 15	129	4,000	3	....	....	....	....	....
300	2 7	38	1,650	1	800	7 45	138	4,175	4	....	....	....	....	....
400	22	42	1,800	1	900	8 17	147	4,350	4	....	....	....	....	....
500	37	46	1,950	1	3,000	49	157	4,525	4	....	....	....	....	....



75-m/m GUN.

EXPLOSIVE SHELL.

Normal Charge.

PLAQUETTE P.

M. V. = 548 m/s.

TABLE VI b_3.

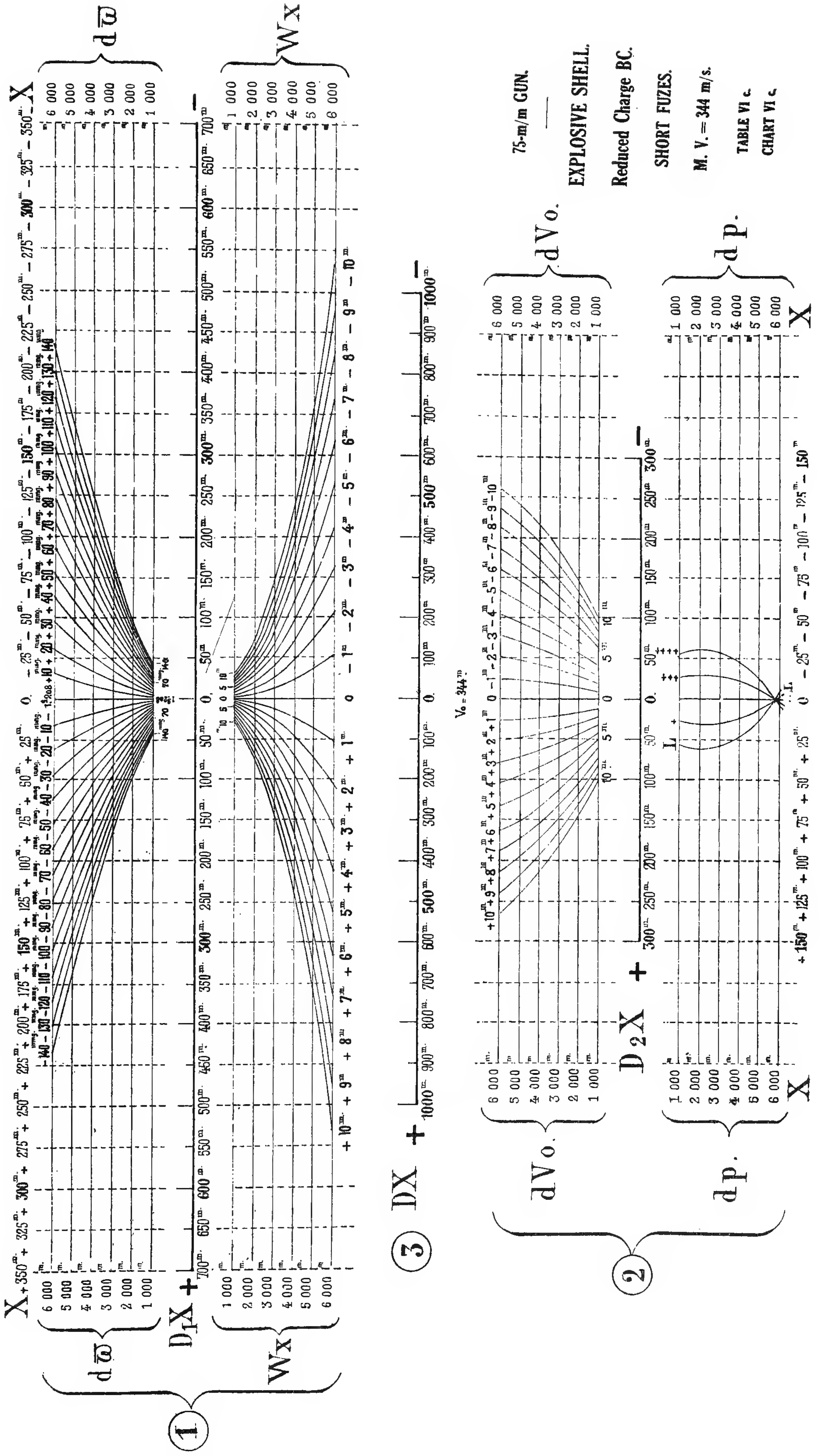
CHART VI b_3.

Reduced Charge BC.

M. V.=344 m/s.

Table Vc.—FOR 75 MM. EXPLOSIVE SHELL, SHORT FUZE.

Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° ′		m.		m.	° ′		m.		m.	° ′		m.	
1,000	2 42	48	2,000	1	3,000	9 49	174	4,850	4	5,000	20 56	372	Quadrant aiming.	13
100	3 1	54	2,150	1	100	10 15	182	4,975	5	100	21 41	386		14
200	20	59	2,325	1	200	42	190	5,125	5	200	22 29	400		15
300	39	65	2,475	1	300	11 9	198	5,250	5	300	23 21	415		16
400	58	70	2,625	2	400	38	207	5,375	6	400	24 14	431		17
1,500	4 17	76	2,775	2	3,500	12 7	215	Quadrant aiming.	6	5,500	25 9	447		19
600	36	82	2,925	2	600	36	224		6	600	26 10	465		21
700	55	87	3,075	2	700	13 5	233		7	700	27 12	484		22
800	5 14	93	3,200	2	800	36	242		7	800	28 20	504		24
900	33	99	3,325	2	900	14 8	251		7	900	29 30	524		25
2,000	5 53	105	3,475	2	4,000	14 40	261		8	6,000	30 45	547		26
100	6 14	111	3,625	2	100	15 12	270		8	100	32 15	573		28
200	36	117	3,750	3	200	45	280		8	200	34 5	606		29
300	58	124	3,875	3	300	16 18	290		9	300	36 15	644		30
400	7 21	132	4,025	3	400	53	300		9	400	39 10	696		33
2,500	7 44	138	4,175	3	4,500	17 30	311		10	....	....	....	....	....
600	8 8	145	4,300	3	600	18 8	322		10	....	....	....	....	....
700	32	152	4,450	3	700	47	334		11	....	....	....	....	....
800	57	159	4,575	4	800	19 29	346		11	....	....	....	....	....
900	9 23	167	4,725	4	900	20 11	359		12	....	....	....	....	....



75-m/m GUN.

EXPLOSIVE SHELL.

Reduced Charge BC.

SHORT FUZES.

M. V. = 344 m/s.

TABLE VI c.

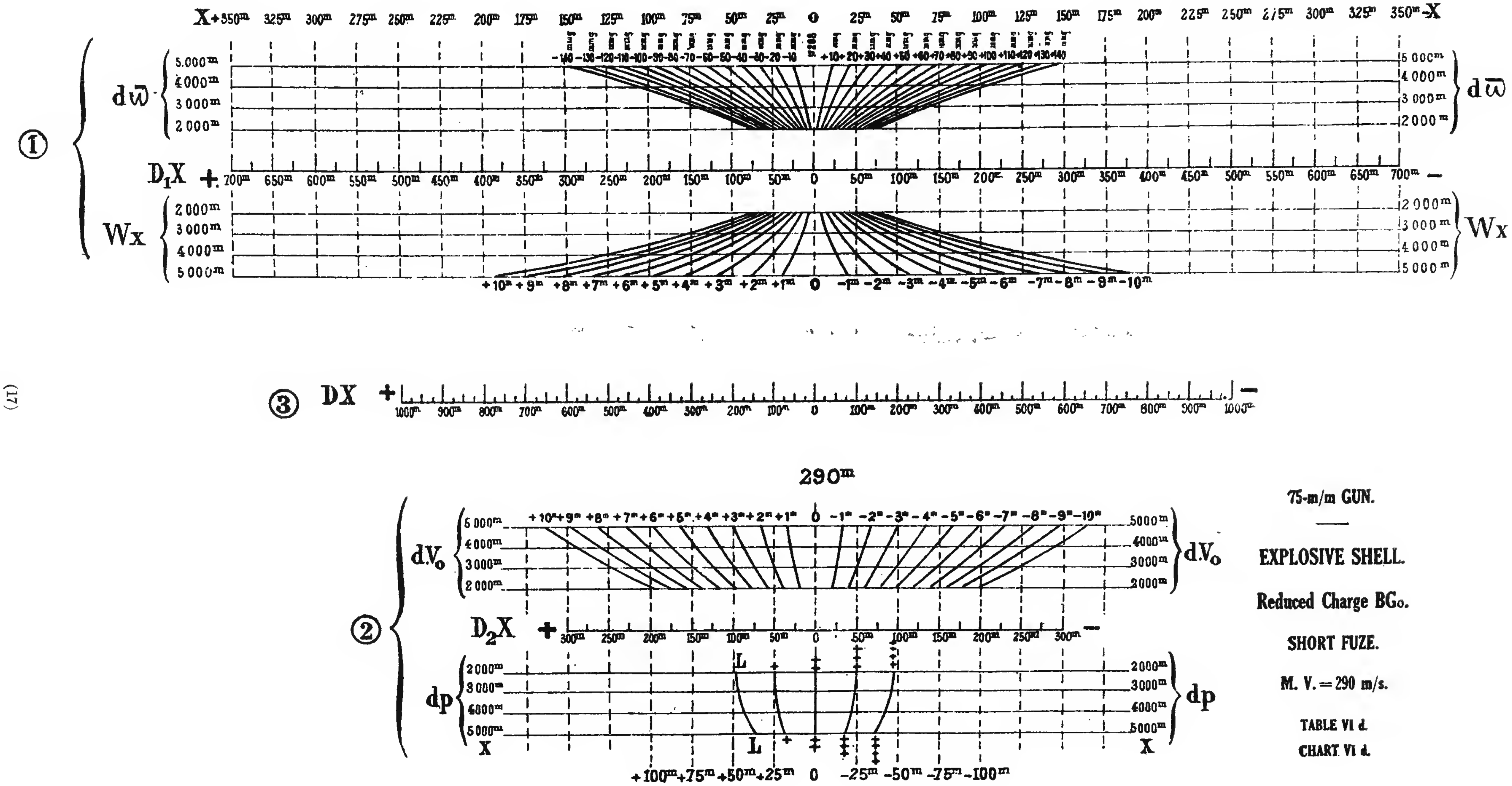
CHART VI c.

Reduced Charge B. G_0.

Table Vd.—FOR 75 MM. EXPLOSIVE SHELL, SHORT FUZE.

M. V.=290 m/s.

Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° ′		m.		m.	° ′		m.		m.	° ′		m.	
1,000	3 40	65	2,500	1	2,500	10 20	184	5,000	5	4,000	19 45	351	Quadrant aiming.	11
100	4 3	72	2,675	2	600	52	193	5,150	5	100	20 30	364		12
200	27	79	2,875	2	700	11 25	203	5,325	5	200	21 17	378		13
300	52	86	3,050	2	800	58	213	5,475	6	300	22 7	393		15
400	5 17	94	3,225	2	900	12 32	223	Quadrant aiming.	6	400	23 0	409		17
1,500	5 42	101	3,400	2	3,000	13 8	234		7	4,500	23 55	425		18
600	6 8	109	3,575	2	100	45	244		7	600	24 55	443		19
700	34	117	3,750	2	200	14 22	255		7	700	26 2	463		21
800	7 1	125	3,900	3	300	15 0	267		8	800	27 15	484		22
900	28	133	4,075	3	400	38	278		8	900	28 30	507		24
2,000	7 55	141	4,225	3	3,500	16 16	289		9	5,000	29 55	532		25
100	8 23	149	4,400	3	600	55	301		9	100	31 35	561		27
200	51	158	4,550	4	700	17 35	313		10	200	33 30	596		28
300	9 20	166	4,700	4	800	18 17	325		10	300	26 0	640		30
400	50	175	4,850	4	900	19 0	338		11	400	39 30	702		32



75-m/m GUN.

EXPLOSIVE SHELL.

Reduced Charge BGo.

SHORT FUZE.

M. V. = 290 m/s.

TABLE VI d.

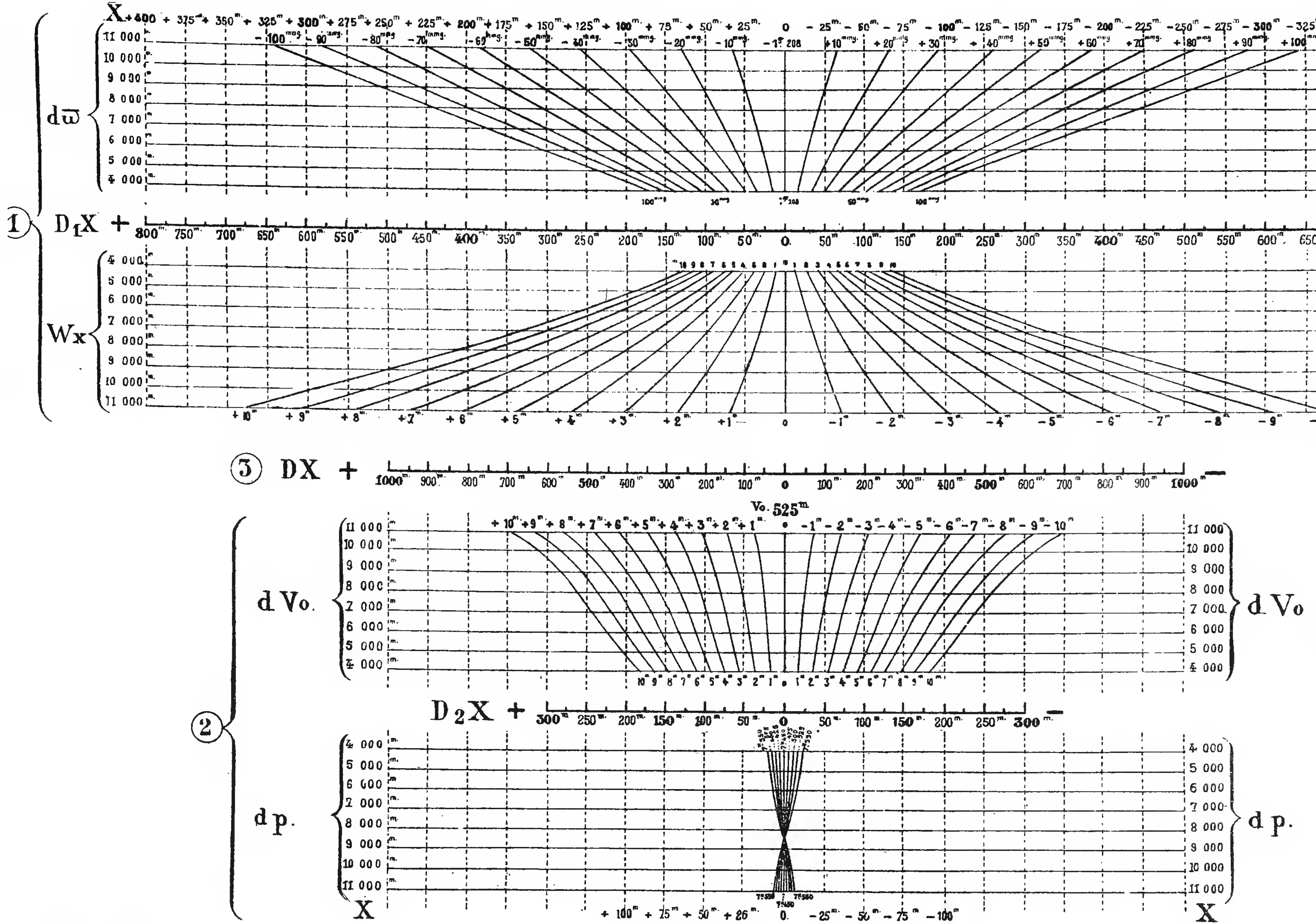
CHART VI d.

M. V.=525 m/s.

Table Ve.—FOR 75 MM. AL SEMI-STEEL SHELL ARMED WITH 24/31 I FUZE, MODEL 1914 WITH GREEN COLORED HEAD.

Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.	Range in meters.	Angle of elevation.		Range setting.	Divisions on deflection drum to correct for drift.
	Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.				Degrees and minutes.	Mils.		
m.	° ′		m.		m.	° ′		m.		m.	° ′		m.		m.	° ′		m.	
					3,000	4 15	76	2,775	2	6,000	11 58	213	5,475	8	9,000	23 9	412	Quadrant aiming.	16
100	−1	0	100	0	100	27	79	2,850	2	100	12 17	219	Quadrant aiming.	8	100	36	420		17
200	+5	1	200	0	200	39	83	2,950	2	200	36	224		8	200	24 3	428		17
300	11	3	300	0	300	52	86	3,050	2	300	55	230		8	300	31	436		17
400	18	5	400	0	400	5 5	90	3,150	2	400	13 14	235		9	400	25 0	444		18
500	24	7	475	0	3,500	5 17	94	3,225	2	6,500	13 33	241		9	9,500	25 29	453		18
600	31	9	575	0	600	30	98	3,325	3	600	53	247		9	600	58	462		19
700	38	11	650	0	700	43	102	3,400	3	700	14 13	253		10	700	26 27	470		19
800	45	13	750	0	800	56	106	3,500	3	800	33	259		10	800	56	479		20
900	53	16	850	0	900	6 10	110	3,600	3	900	54	265		10	900	27 26	488		20
1,000	1 1	18	950	0	4,000	6 24	114	3,675	3	7,000	15 14	271		11	10,000	27 57	497		21
100	9	20	1,025	0	100	38	118	3,775	3	100	35	277		11	100	28 29	506		21
200	17	23	1,125	0	200	53	122	3,850	3	200	56	283		11	200	29 1	516		22
300	25	25	1,225	0	300	7 8	127	3,950	4	300	16 18	290		11	300	34	526		23
400	33	28	1,300	0	400	23	131	4,050	4	400	40	296		12	400	30 7	535		23
1,500	1 41	30	1,400	0	4,500	7 38	136	4,125	4	7,500	17 3	303		12	10,500	30 41	545		24
600	50	33	1,500	0	600	54	140	4,225	4	600	25	310		12	600	31 16	556		25
700	59	35	1,575	0	700	8 10	145	4,325	4	700	48	316		13	700	51	566		26
800	2 9	38	1,675	0	800	27	150	4,425	5	800	18 11	323		13	800	32 27	577		27
900	19	41	1,775	0	900	44	155	4,500	5	900	34	330		13	900	33 4	588		29
2,000	2 29	44	1,875	1	5,000	9 1	160	4,600	5	8,000	18 57	337		13	11,000	33 42	599		30
100	39	47	1,950	1	100	18	165	4,700	5	100	19 21	344		14					
200	49	50	2,050	1	200	35	170	4,775	6	200	45	351		14					
300	59	53	2,150	1	300	52	175	4,875	6	300	20 9	358		14					
400	3 9	56	2,225	1	400	10 9	180	4,950	6	400	33	365		14					
2,500	3 19	59	2,325	1	5,500	10 27	186	5,050	6	8,500	20 58	373		15					
600	29	62	2,400	1	600	45	191	5,125	7	600	21 23	380		15					
700	40	65	2,500	1	700	11 3	196	5,225	7	700	49	388		15					
800	51	68	2,575	1	800	21	202	5,300	7	800	22 15	396		16					
900	4 3	72	2,675	1	900	40	207	5,400	7	900	42	404		16					

Shell armed with truncated fuze AL has same range as shell armed with fuze I up to a range of 8,000 m.
Its range is 20 m. shorter at a distance of 9,000 m.
Its range is 55 m. shorter at a distance of 10,000 m.
Its range is 110 m. shorter at a distance of 11,000 m.



75-m/m GUN.

SEMI STEEL AL SHELL.

Fuzes: ²⁴/₃₁ I Mod. 1914, or Truncated AC.

M. V. = 525 m/s.

TABLE VI e.
CHART VI e.

Ed. Mar. 23—18—2,500.

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arY1284
Range tables for French 75-/mm. gun, mod
3 1924 032 188 868
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